

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method of transmitting information asynchronously between a supplier and a consumer in accordance with Atomicity, Coherence, Isolation and Durability (ACID) properties, said supplier and said consumer being connected by a chain of communication channels, the method comprising transmitting said information by means of a series of sequential independent transactions set up between said supplier and a first communication channel of said chain, between each of the communication channels of said chain, and between a last communication channel of said chain and said consumer, wherein each of the transactions between the communication channels of said chain and between the last communication channel of said chain and said consumer is set up if a previous transaction has succeeded.

2. (currently amended): ~~A~~The method according to claim 1, wherein each communication channel has a set of clients which are other communication channels or consumers, and when ~~a~~one of said communication channels of said chain is a target of one of said independent transactions, the method further comprises:

storing said information in a reliable memory,

finalizing ~~an~~ the one of said independent transactions, and
if said one of said independent transactions has succeeded, initiating other independent transactions with said clients containing said information.

3. (currently amended): ~~A~~ The method according to claim 1, wherein to initiate said independent transactions, said information is stored in a plurality of queues each of which is associated with one of ~~said~~ a plurality of clients and consumed by a thread.

4. (currently amended): A communication channel enabling asynchronous transmission of information between a supplier and a consumer in accordance with Atomicity, Coherence, Isolation and Durability (ACID) properties, said communication channel having a set of clients which can be other communication channels or consumers, said channel comprising:

means for storing said information which is contained in a transaction for which said communication channel is a target,

means for finalizing said transaction, and

means for initiating other transactions containing said information with said set of clients if said transaction has succeeded.

5. (currently amended): ~~A~~The communication channel according to claim 4, further comprising a plurality of queues each of which is associated with one of said clients.

6. (currently amended) A transactional asynchronous communication architecture comprising a plurality of communication channels enabling asynchronous transmission of information between a supplier and a consumer in accordance with Atomicity, Coherence, Isolation and Durability (ACID) properties, each of said plurality of communication channels having a set of clients which can be other of said plurality of communication channels or consumers, wherein each of the plurality of communication channels comprises:

means for storing said information contained in a transaction for which said one of the plurality of communication channels ~~is the~~ a target,

means for finalizing said transaction, and

means for initiating other transactions containing said information with said clients if said transaction has succeeded.